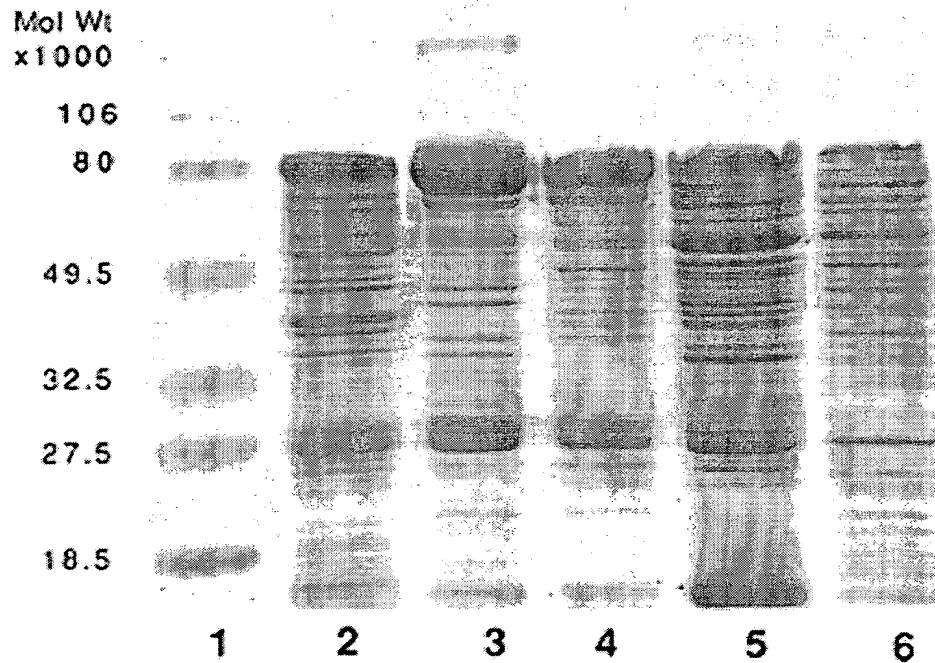
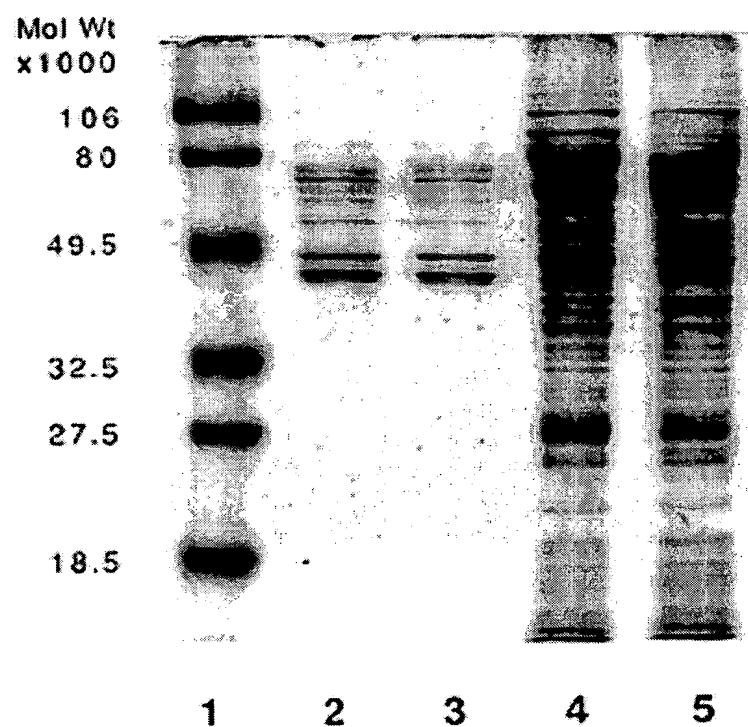


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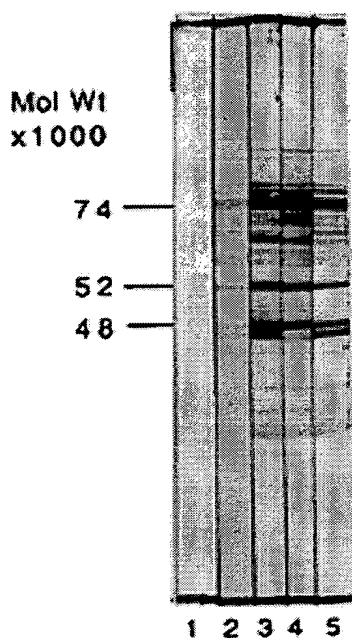


FIG. 3

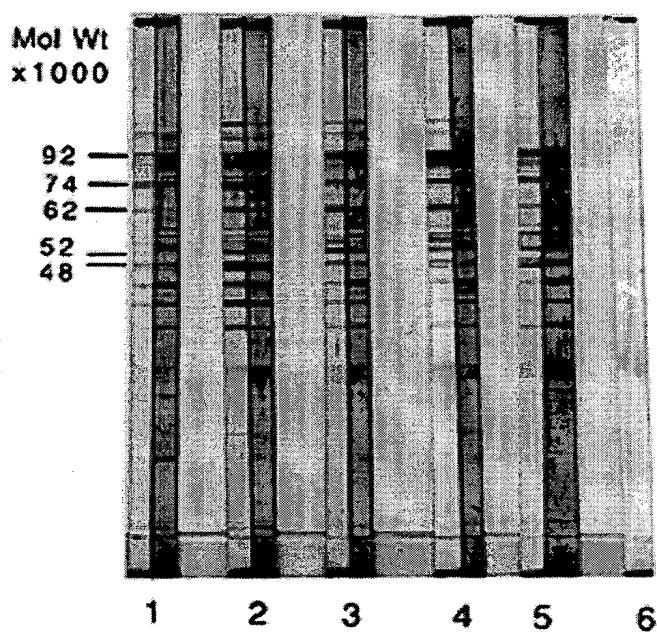


FIG. 4

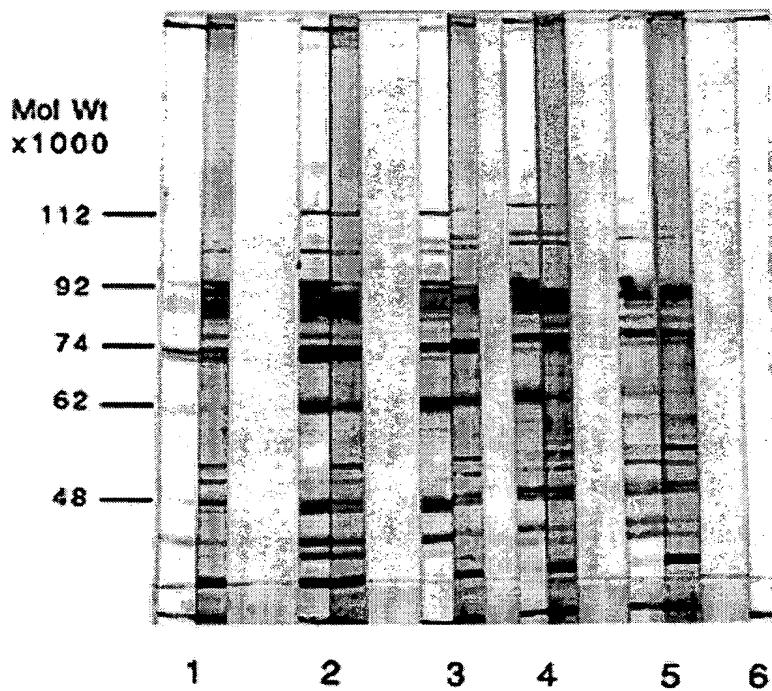


FIG. 5

	10	20	30	40	50	
1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	
ATGAAAAAAA	TGCCACTATA	CCAGAGGAAA	GAGCAGTATA	TAAAATAATT	50	
AAAATTACAT	TTTCTTCATT	TGCGCCAGAA	TTTTTAAGAA	TTAGTACATT	100	
AAAAAGTAGA	ACAAAAGTTA	TTAATGTAAA	CATTAGCGCA	ATCCTTAAGA	150	
AAAATTAAGA	AGTTTTATCT	ATTTTTTTA	ATCGAAATCC	AACCAGGCAT	200	
AAATCTTGT	CAGTATTAT	CAAGTCGGTA	TTTTTCATT	ATTCTACTA	250	
AAATATTATT	TGAATTTGCA	TTTCCATAA	TCTAAAATT	TACATTTTT	300	
TATAACAATT	TTTAAAAATT	ACTCTTTAAT	TTATAGTATT	TTTTTATT	350	
TTAGTCTAAA	TTATAAAATT	ATCTTGAATT	TTATTTGAAT	TTTTATAATT	400	
TAGTACTAAA	AAATACAAT	ATTTTTCCT	ATTCTAAGAA	AAATTCAATT	450	
TTTAAAAAAA	ATTGATTTT	ATAGTATAAT	TTGTTGTAT	AATTGAATT	500	
ACTTGATTTG	AAAGGGAACA	AAATGAAAAA	AATGCTTACA	AAAAAATTCT	550	
TGTATTCACTC	AGCTATTAT	GCAACTTCGC	TTGCATCAAT	TATTGCATT	600	
GTTGCAGCAG	GTTGTGGACA	GACAGAATCA	GGTTCAACTT	CTGATTCTAA	650	
ACCACAAGCC	GAGACGCTAA	AACATAAAGT	AAGTAATGAT	TCTATTGAA	700	
TAGCACTAAC	CGATCCGGAT	AATCCTCGAT	GAATTAGTGC	CCAAAAAGAT	750	
ATTATTTCTT	ATGTTGATGA	AACAGAGGCA	GCAACTTCAA	CAATTACAAA	800	
AAACCAGGAT	GCACAAAATA	ACTGACTCAC	TCAGCAAGCT	AATTAAAGCC	850	
CAGCGCCAAA	AGGATTATT	ATTGCCCTG	AAAATGGAAG	TGGAGTTGGA	900	
ACTGCTGTTA	ATACAATTGC	TGATAAAGGA	ATTCCGATTG	TTGCCTATGA	950	
TCGACTAATT	ACTGGATCTG	ATAAAATATGA	TTGGTATGTT	TCTTTGATA	1000	
ATGAAAAAGT	TGGTGAATT	CAAGGTCTT	CACTTGCTGC	GGGTCTATT	1050	
GGAAAAGAAG	ATGGTGCTT	TGATTCAATT	GATCAAATGA	ATGAATATCT	1100	
AAAATCACAT	ATGCCCAAG	AGACAATTTC	TTTTTATACA	ATCGCGGGTT	1150	
CCCAAGATGA	TAATAATTCC	CAATATT	ATAATGGTGC	AATGAAAGTA	1200	
CTTAAAGAAT	TAATGAAAAA	TTCGCAAAT	AAAATAATTG	ATTATCTCC	1250	
TGAAGGCGAA	AATGCTGTT	ATGTCCCAGG	ATGAAATTAT	GGAAC TGCG	1300	
GTCAAAGAAT	CCAATCTTT	CTAACAA	ACAAAGATCC	AGCAGGTGGT	1350	
AATAAAATCA	AAGCTGTGG	TTCAAAACCA	GCTTCTATT	TCAAAGGATT	1400	
TCTTGCCCCA	AATGATGGAA	TGGCGAAC	AGCAATCACC	AAATTAAAC	1450	
TTGAAGGGTT	TGATACCCAA	AAAATCTTG	TAACTCGTCA	AGATTATAAT	1500	
GATAAAAGCCA	AAACTTTAT	CAAAGACGGC	GATCAAATA	TGACAATT	1550	
TAAACCTGAT	AAAGTTTAG	GAAAAGTTGC	TGTTGAAGTT	CTTCGGGTT	1600	
TAATTGCAAA	AAAAAATAAA	GCATCTAGAT	CAGAAGTCGA	AAACGAAC	1650	
AAAGCAAAAC	TACCAATAT	TTCATTTAAA	TATGATAATC	AAACATATAA	1700	
AGTACAAGGT	AAAAAATATTA	ATACAATT	AGTAAGTCCA	GTAATTGTTA	1750	
CAAAAGCTAA	TGTTGATAAT	CCTGATGCCT	AA		1782	

FIG. 6

10	20	30	40	50
1234567890	1234567890	1234567890	1234567890	1234567890

MKKMLRKFL	YSSAIYATSL	ASIIAFVAAG	CGQTESGSTS	DSKPQAETLK	50
HKVSNDSIRI	ALTDPDNPRW	ISAQKDIISY	VDETEAATST	ITKNQDAQNN	100
WLTQQANLSP	APKGFIIAPE	NGSGVGTAVN	TIADKGIPIV	AYDRLITGSD	150
KYDWYVSFDN	EKGELQGLS	LAAGLLGKD	GAFDSIDQMN	EYLIKSHMPQE	200
TISFYTIAGS	QDDNNSQYFY	NGAMKVLKEL	MKNSQNKIID	LSPEGENAVY	250
VPGWNYGTAG	QRIQSFLTIN	KDPAGGNKIK	AVGSKPASIF	KGF LAPNDGM	300
AEQAITKLKL	EGFDTQKIFV	TRQDYNDKAK	TFIKDGDQNM	TIYKPDKVLG	350
KVAVEVLRVL	IAKKNKASRS	EVENELKAKL	PNISFKYDNQ	TYKVQGKNIN	400
TILVSPVIVT	KANVDNPDA				419

**FIG. 7**